



CITY COUNCIL

AGENDA REQUEST

AGENDA OF:	07-01-14	AGENDA REQUEST NO:	IV-D
INITIATED BY:	GREG NICHOLS <i>GN</i> PROJECT MANAGER	RESPONSIBLE DEPARTMENT:	ENGINEERING
PRESENTED BY:	TIMOTHY JAHN, P.E. <i>TWJ</i> SENIOR ENGINEER	DIRECTOR:	CHRISTOPHER STEUBING, P.E., CFM, CITY ENGINEER <i>CLS</i>
		ADDITIONAL DIRECTOR (S):	ROBERT VALENZUELA, P.E. DIRECTOR OF PUBLIC WORKS <i>RV</i>
SUBJECT / PROCEEDING:	COLLECTION SYSTEM CRITICAL LINE REHABILITATION PROJECT B (PACKAGE 1) CIP WW1202 AUTHORIZE CONSTRUCTION CONTRACT WITH T CONSTRUCTION, LLC		
EXHIBITS:	PROJECT B (PACKAGE 1) LOCATION MAP SIGNED CONSTRUCTION CONTRACT RECOMMENDATION LETTER		
CLEARANCES		APPROVAL	
LEGAL:	N/A	ASSISTANT CITY MANAGER:	JIM CALLAWAY <i>JC</i>
PURCHASING:	TODD REED, CPPO, CPPB PURCHASING MANAGER <i>TR</i>	ASSISTANT CITY MANAGER:	N/A
BUDGET:	BRYAN GUINN <i>BG</i> BUDGET OFFICER	CITY MANAGER:	ALLEN BOGARD <i>Allen Bogard</i>
BUDGET			
EXPENDITURE REQUIRED: \$		1,574,365.00	
CURRENT BUDGET: \$		3,298,168.60	
ADDITIONAL FUNDING: \$		0.00	
RECOMMENDED ACTION			
Authorize the execution of a construction contract with T Construction, LLC for the Collection System Critical Line Rehabilitation Project B (Package 1) CIP WW1202, in an amount of \$1,574,365.00.			

EXECUTIVE SUMMARY

A Sanitary Sewer Evaluation Survey and Infiltration/Inflow Study (Study) was completed by the City in December 2009 as an aid in identifying areas that are experiencing or may experience high volumes of infiltration and inflow and to prioritize the lift station infrastructure and service area for further investigation. The Study included a GIS-based risk rating system to identify critical line segments based on factors such as size, material, age, and depth. Four projects (Projects A, B, C, and D) were identified in the Study as infrastructure needing repair and were ordered and ranked by importance based on the GIS risk rating system, with Project A being the highest priority. Rehabilitation efforts for Project A have been completed.

Project B is identified as the next highest priority focus. The Preliminary Engineering Report (PER) was completed in January 2014. In order to take advantages of contractor specializations, the Project B rehabilitation was divided in Package 1 and Package 2. Package 1 includes rehabilitation of manholes and critical gravity lines that will be rehabilitated predominately by pipe bursting methods. Package 2 (predominately cured-in-place method) is under design now is expected to advertise and receive bids in September 2014.

On May 28 and June 4, 2014 the City published an invitation to bid (ITB) for construction services for CIP Project WW1202 Collection System Critical Line Rehabilitation Project B (Package 1). The bids were opened on June 19, 2014. There were 5 bids submitted for the project, and the bids ranged from \$1,574,365.00 to \$2,089,152.50. T Construction, LLC was the responsible low bidder with a total bid of \$1,574,365.00. One Alternate bid item, (#2) for SewperCoat of 60 vertical feet of manhole wall liner is included in the total bid. The engineer's probable construction cost estimate is \$1,950,000.00. The engineer has evaluated the bids and made a recommendation to award the contract to T Construction, LLC.

Project B (Package 1) will include rehabilitation of approximately 30,880 L.F. of 8-inch to 18-inch sewer gravity lines. Approximately 22,500 L.F. will be rehabilitated by pipe bursting method and 8,300 L.F. by cured-in-place method. The following is a breakdown of subdivision where the wastewater lines will be rehabilitated as part of Project B (Package 1):

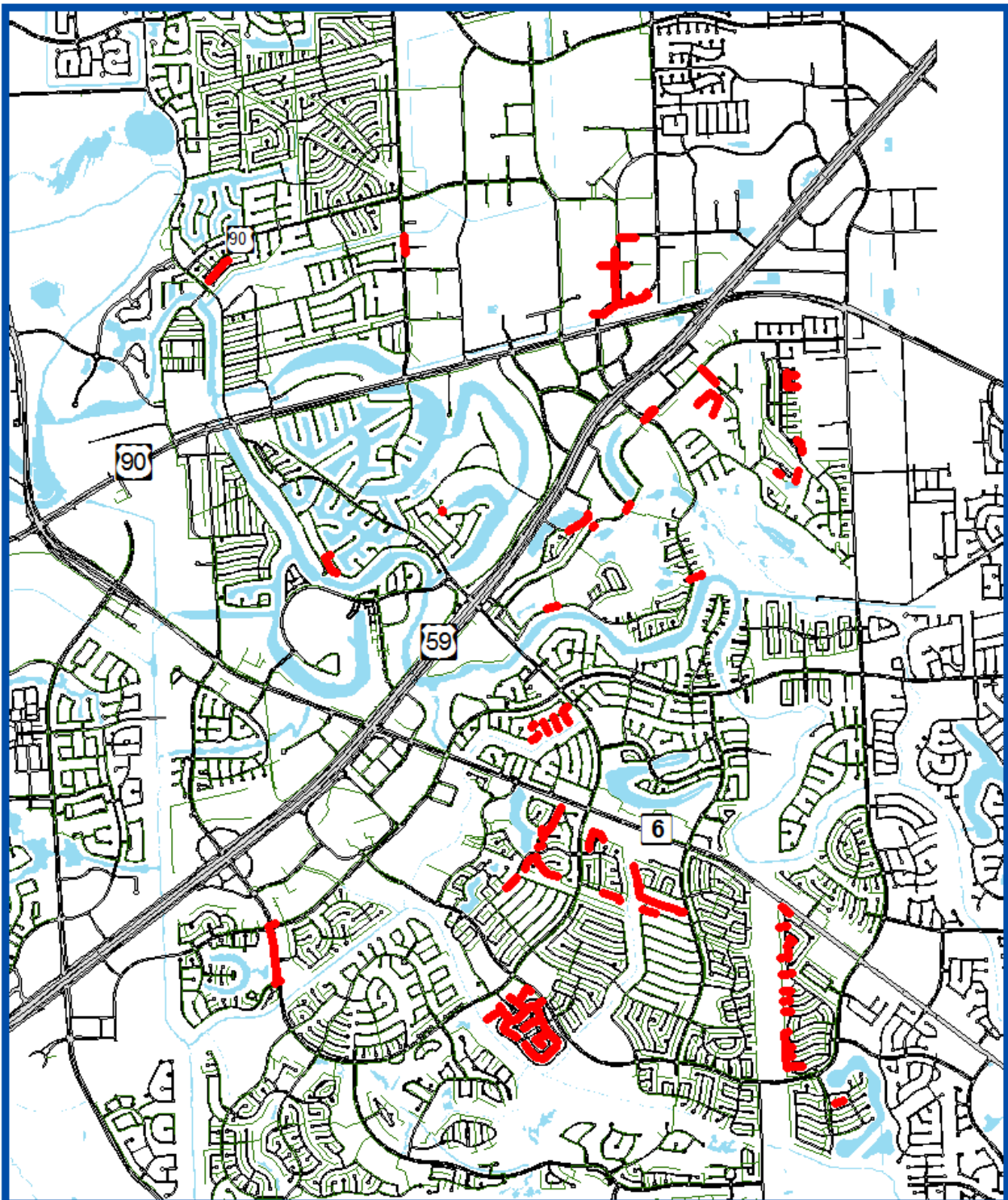
- 1,300 L.F. of 8-inch at Colony Grant / 7,300 L.F. of 8-inch thru 10-inch at Colony Park
- 3,900 L.F. of 8-inch at Lakefield / 2,500 L.F. of 8-inch thru 10-inch at Settlers Park
- 5,000 L.F. 8-inch thru 12-inch at Sugar Creek / 700 L.F. 8-inch at Sugar Lakes
- 4,800 L.F. 8-inch thru 12-inch at Sugar Land Business Park / 800 L.F. 8-inch at Sugar Mill
- 1,800 L.F. 8-inch thru 18-inch at Sweetwater Village / 1,500 L.F. 8-inch at the Highlands
- 2,800 L.F. 8-inch thru 12-inch at Williams Grant
- 2,000 L.F. additional televising/cleaning
- 445 service reconnections
- 850 V.F. of manhole rehabilitation

Funding for this project is available from CIP WW1202. The available balance of \$3,298,168.60 less construction funds of \$1,574,365 leaves a balance of \$1,723,803.60.

The Notice to Proceed for the Project B (Package 1) is anticipated to be issued in July 2014 with 270 calendar days to substantial completion. Funding is available within CIP WW1202.

The Engineering and Public Works Departments recommend that the City Council authorize the execution of a construction contract with T Construction, LLC for the Collection System Critical Line Rehabilitation Project B (Package 1) CIP WW1202, in an amount of \$1,574,365.00.

EXHIBITS



CITY OF SUGAR LAND
Capital Improvement Program
Collection System Rehabilitation Program
Rehabilitation Project B (Package 1)
CIP No. WW1202



CITY OF SUGAR LAND
STANDARD CONTRACT FOR CIVIL ENGINEERING CONSTRUCTION PROJECTS
(Not For Building Construction Projects)
(Rev. 1-3-12)

This City of Sugar Land Standard Contract for Civil Engineering Construction Projects (Contract) is made between the City of Sugar Land, Texas (City), and the Contractor. The City and the Contractor agree to the terms and conditions of this Contract, which consists of the following:

- I. Summary of Contract Terms
- II. Standard Contractual Provisions
- III. Contract Documents
- IV. Signatures

I. Summary of Contract Terms.

Project: Collection System Critical Line Rehabilitation Project B (Package #1)

Contractor: T Construction, LLC

Name of Engineering Firm, if any: ARKK Engineers, LLC

Name of Owner's Project Manager: Greg Nichols

Base Bid: \$1,561,825.00

Alternate Bid Item Nos.: 2

Total Alternate Bid Items Amount: \$12,540.00

Contract Price (Base Bid + Alternates): \$1,574,365.00, as may be adjusted by Change Orders

Effective Date of Contract: On the latest date of the dates executed by both parties

Date to Begin Work: Date specified in Notice to Proceed

Substantial Completion: Contractor must achieve Substantial Completion within 270 Calendar Days from date specified in Notice to Proceed, as the time may be adjusted by Change Order

Final Completion: Contractor must complete the Punch List within 30 Calendar Days from Substantial Completion

Liquidated Damage Amount for Failure to Meet Time for Substantial Completion: \$500 per Calendar Day

Liquidated Damage Amount for Failure to Complete Punch List Items by Time for Final Completion: \$50 per Calendar Day

[The Legal Department has prepared this form contract for use by City employees without further legal review. The form allows for employees to insert information in specific provisions as necessary to complete the contract. The remaining Contract provisions are "read only" and may only be changed by the Legal Department. The Legal Department's signature on the contract assumes that City employees have not changed the form.]

CONTRACTOR AGREES TO DEFEND SUCH ACTION FREE OF COST, CHARGE OR EXPENSE TO THE CITY OR THE RAILROAD.

III. Contract Documents. The Contractor must comply with the following additional Contract Documents, which are part of this Contract and are incorporated by reference:

1. General Conditions
2. Special Conditions, if any
3. Engineer's Specifications, including any special shoring requirements
4. Engineer's Plans
5. Contractor's Bid for the Project
6. Performance Bond
7. Payment Bond
8. Labor Classification and Minimum Wage Rates
9. State of Texas Workers' Compensation Insurance Coverage Addendum
10. Minimum Insurance Policy Limits for Large Construction Projects
11. Notice to Proceed
12. Contractor's Affidavit of Bills Paid
13. Notice to Bidders
14. Instructions to Bidders
15. Change Orders
16. Addenda
17. Conflict of Interest Questionnaire
18. Geo-Tech Report (if Contract involves trench excavation exceeding depth of five feet)

If there is a conflict between or among the terms of the Contract the City will determine which provision applies.

IV. Signatures. By signing below, the parties agree to the terms of this Contract:

CITY OF SUGAR LAND

By: _____

Name: _____

Title: _____

Date: _____

CONTRACTOR: T Construction, LLC

By: [Signature]

Name: Jose Rangel

Title: Vice President

Date: 6/20/2014



June 19, 2014

Mr. Greg Nichols
Project Manager
City of Sugar Land
2700 Town Center Blvd. North
Sugar Land, Texas 77479

Re: **Letter of Recommendation for Collection System Critical Line Rehabilitation Project B (Package #1)**
City of Sugar Land
CIPP No. WW 1202
ARKK Job No. 13-015

Dear Mr. Nichols:

On June 19, 2014, five (5) bids were received for the above referenced project. This project involves the rehabilitation of existing sanitary sewer lines at locations throughout the City. Following is a summary of our bid evaluation:

1. Bid Tabulation Sheet – Five (5) construction firms participated in the bidding process. The bids were checked for mathematical errors and/or bid irregularities. The project was bid with a base bid and two (2) add alternates. The add alternates included options for manhole rehabilitation work.
2. As discussed with the City of Sugar Land, the Base Bid, and Add Alternate #2 were utilized as a basis for award of the contract. The bids for the project (Base Bid + Add Alternate #2) are as follows:

<u>Bidder</u>	<u>Total Bid</u>
T Construction, LLC	\$1,574,365.00
PM Construction & Rehab, LLC	\$1,800,077.50
Cruz Tec, Inc.	\$1,870,546.40
Lopez Utilities Contractor, LLC	\$1,872,200.00
Horseshoe Construction, Inc.	\$2,089,152.50